

The vaccine that damages DNA

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Vaccine spike protein enters cell nuclei, suppresses the DNA repair engine of the human body, will trigger the explosion of cancer, immunodeficiency, autoimmune diseases and accelerated aging

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This discovery can only be described as a true "horror" in its implications. Surprising new research published in Viruses, part of the SARS-CoV-2 Host Cell Interactions edition of MDPI (Open Access Journals) reveals that the vaccine's Spike proteins enter cell nuclei and destroy the DNA repair mechanism of cells, suppressing DNA repair by up to 90%.

The research paper is titled "SARS – CoV – 2 Spike Impairs DNA Damage Repair and Inhibits V (D) J Recombination In Vitro" (SARS – CoV – 2 Spike Impairs DNA Damage Repair and Inhibits V (D) Recombination J in vitro) and is written by Hui Jiang and Ya-Fang Mei, at the Department of Molecular Biosciences, The Wenner-Gren Institute, University of Stockholm, SE-10691 Stockholm, Sweden, and Department of Clinical Microbiology, Virology, University of Umeå, SE-90185 Umeå, Sweden respectively.

We have saved a copy of the research paper in a PDF document on NN servers at this URL:

<https://www.naturalnews.com/files/viruses-13-02056-v2.pdf>

In the conclusion of the paper, the authors write:

*"We found that the spike protein significantly inhibited both BRCA1 and 53BP1 foci formation (Figure 3D-G). Together, these data show that the **SARS-CoV-2 full-length spike protein inhibits** DNA damage repair by hindering the recruitment of DNA repair proteins'.*

The DNA repair mechanism known as NHEJ (Non-Homologous End Joining) is a kind of intracellular "emergency response" system that repairs double-stranded DNA breaks.

Without the NHEJ mechanism, all advanced multicellular life would cease to exist.

No human, animal or plant can survive with the integrity of its genetic code protected and constantly repaired through multiple mechanisms.

DNA damage can be caused by exposure to radiation, chemicals found in food and personal care products, or even exposure to mammography equipment.

Excessive exposure to sunlight can also cause DNA breaks, and minor DNA mutations occur spontaneously in all living organisms.

Airline pilots, for example, are routinely exposed to ionizing radiation from flying at height.

In a normal, healthy person, the NHEJ mechanism repairs DNA and prevents the occurrence of a pathogenic mutation.

But in the presence of the vaccine 's spike protein, **NHEJ' s effectiveness is suppressed by up to 90%** , meaning it is unable to do its job due to the suppressed ability to recruit proteins for repair.

As a result, the following "errors" are introduced into chromosomes within human cell nuclei, all due to the presence of the mRNA vaccine spike protein:

- Mutations or "errors" in the genetic sequence.
- DELETIONS of entire segments of the genetic code.
- INSERTIONS of wrong segments.
- Mixing and matching / permutations of the genetic code.

These errors, when expressed through cell division and replication, result in:

- An explosion of cancer and tumors throughout the body
- Loss of production of immune system B and T cells (i.e. induced immunodeficiency)
- Autoimmune Disorders
- Accelerated aging and shortened telomere length
- Loss of functioning of complex organ systems such as circulatory, neurological, endocrine, musculoskeletal, etc.
- Cell damage similar to **radiation poisoning** as cells self-destruct from the inside

Many of these effects are, of course, fatal. Others will burden vaccine victims with hideous debilitating injuries and organ malfunctions that will require a lifetime of medical intervention.

The Spike protein goes into the cell's nucleus

From the document linked above:

Mechanistically, we found that the spike protein localizes in the nucleus and inhibits DNA damage repair by preventing the recruitment of the key DNA repair protein BRCA1 and 53BP1 to the damage site.

This means that the spike protein, which is generated in cellular ribosomes after cells are hijacked by mRNA vaccines, does not always leave the cell and enter the bloodstream, as we are told by mRNA vaccine advocates. In some cases, **the spike protein enters the cell nucleus** .

There, it interferes with the DNA repair mechanism as described in this article.

"Surprisingly, we found an abundance of the spike protein in the nucleus (Figure 1A)," concluded the study authors.

This undoubtedly means that **mRNA vaccines cause chromosomal changes in the cells of the body** .

It is confirmation that such vaccines are indeed wreaking havoc with genetic integrity and exhibiting side effects that have not been predicted or described by mRNA vaccine advocates.

Dr. Thomas Levy writes about spike protein toxicity on [Orthomolecular.org](https://orthomolecular.org) :

Concern has been raised regarding the spread of the spike protein throughout the body after vaccination. Rather than staying localized at the injection site to provoke the immune response and nothing else, spike proteins were found throughout the body of some vaccinated individuals. Furthermore, it appears that some of the circulating spike proteins simply bind to ACE2 receptors without entering the cell, inducing an autoimmune response to the entire cell spike protein entity. Depending on the type of cell that binds the spike protein, any of a number of autoimmune medical conditions can occur.

More alarmingly, Dr. Levy explains that **current evidence shows that the spike protein continues to be produced in the body after the initial injection of mRNA** . He explains:

While the underlying pathology needs to be fully defined, an explanation for the problems with thrombotic tendencies and other symptomatology seen with chronic COVID and post-vaccination patients relates directly to the persistent presence of the spike protein portion of the coronavirus. Some reports state that the spike protein can continue to be produced after initial binding to ACE2 receptors and entry into some of the cells it initially targets. The clinical pictures of chronic COVID and post-vaccine toxicity appear very similar, and both are likely due to this continued presence and spread throughout the body of the spike

protein (Mendelson et al., 2020; Aucott and Rebman, 2021; Levy, 2021; Raveendran, 2021).

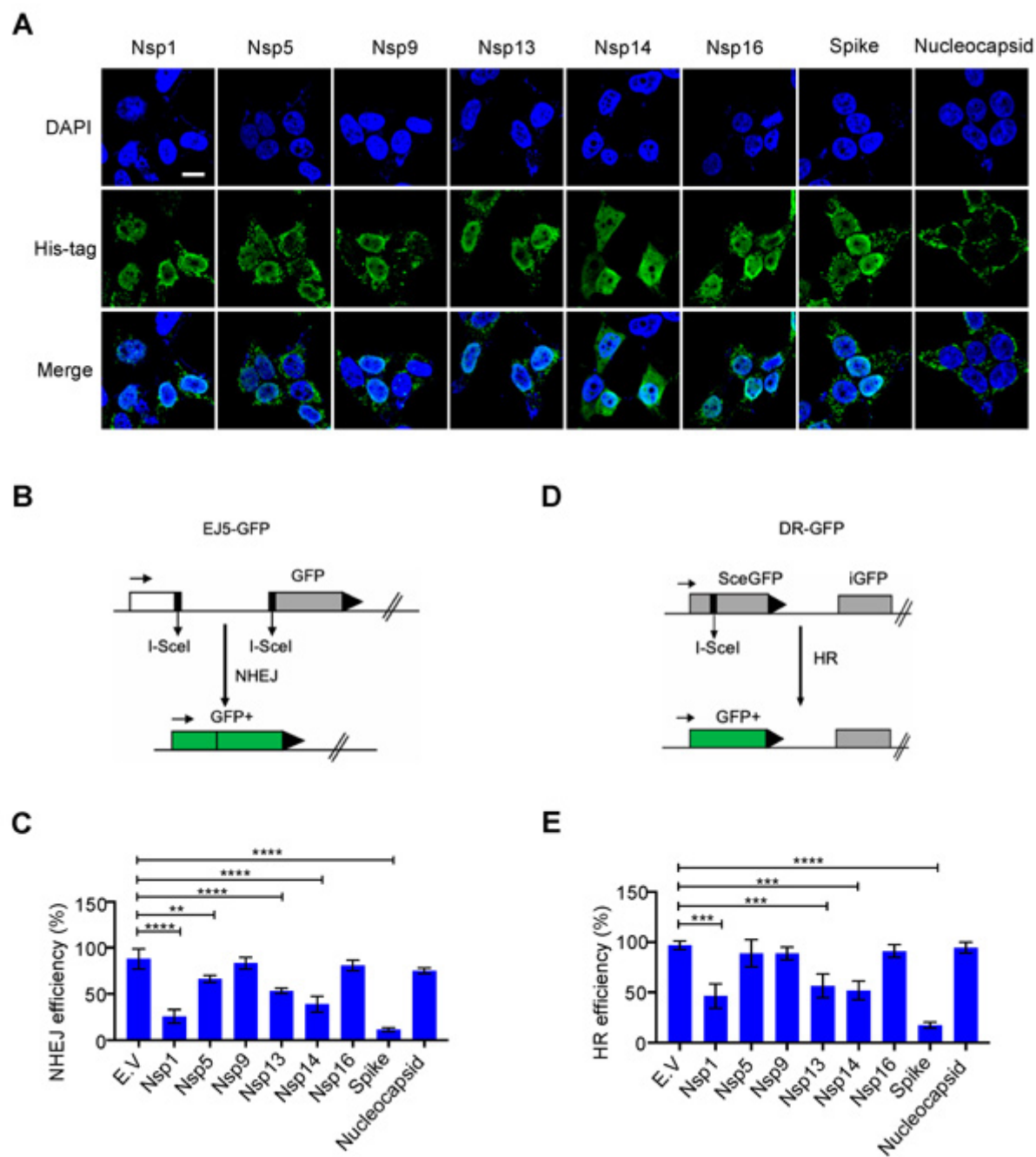
The full-length spike protein resulted in maximal suppression of the NHEJ DNA repair mechanism

See the figures below. The SARS-CoV-2 viral fragments are named "Nsp1, Nsp5" and so on. The full-length peak is called the "Spike" and the nucleocapsid - another structural part of the entire spike protein pathogen - is identified separately.

From the study:

Overexpression of Nsp1, Nsp5, Nsp13, Nsp14 and spike proteins decreased both HR and NHEJ repair efficiency (Figure 1B-E and Figure S2A, B).

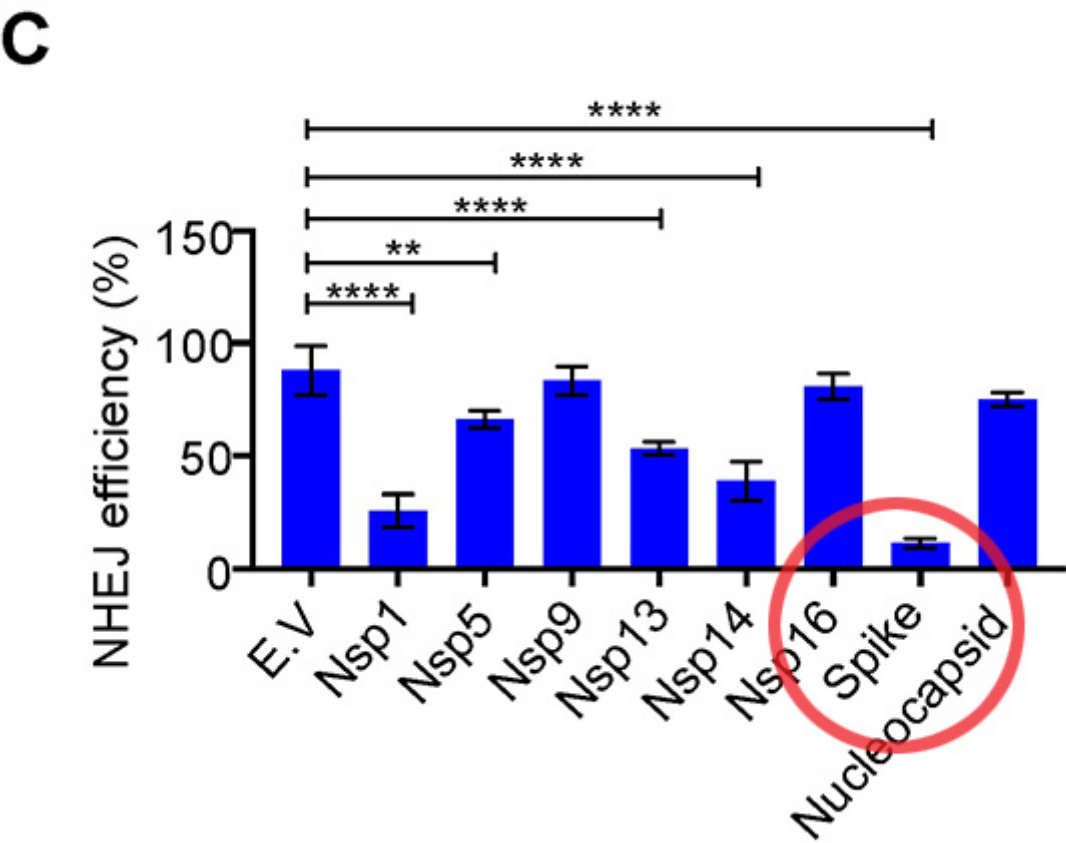
Figures C and E show the suppression of NHEJ repair by these various portions of viral fragments. (See the blue vertical graph lines representing the activity / efficiency levels of the DNA repair mechanism).



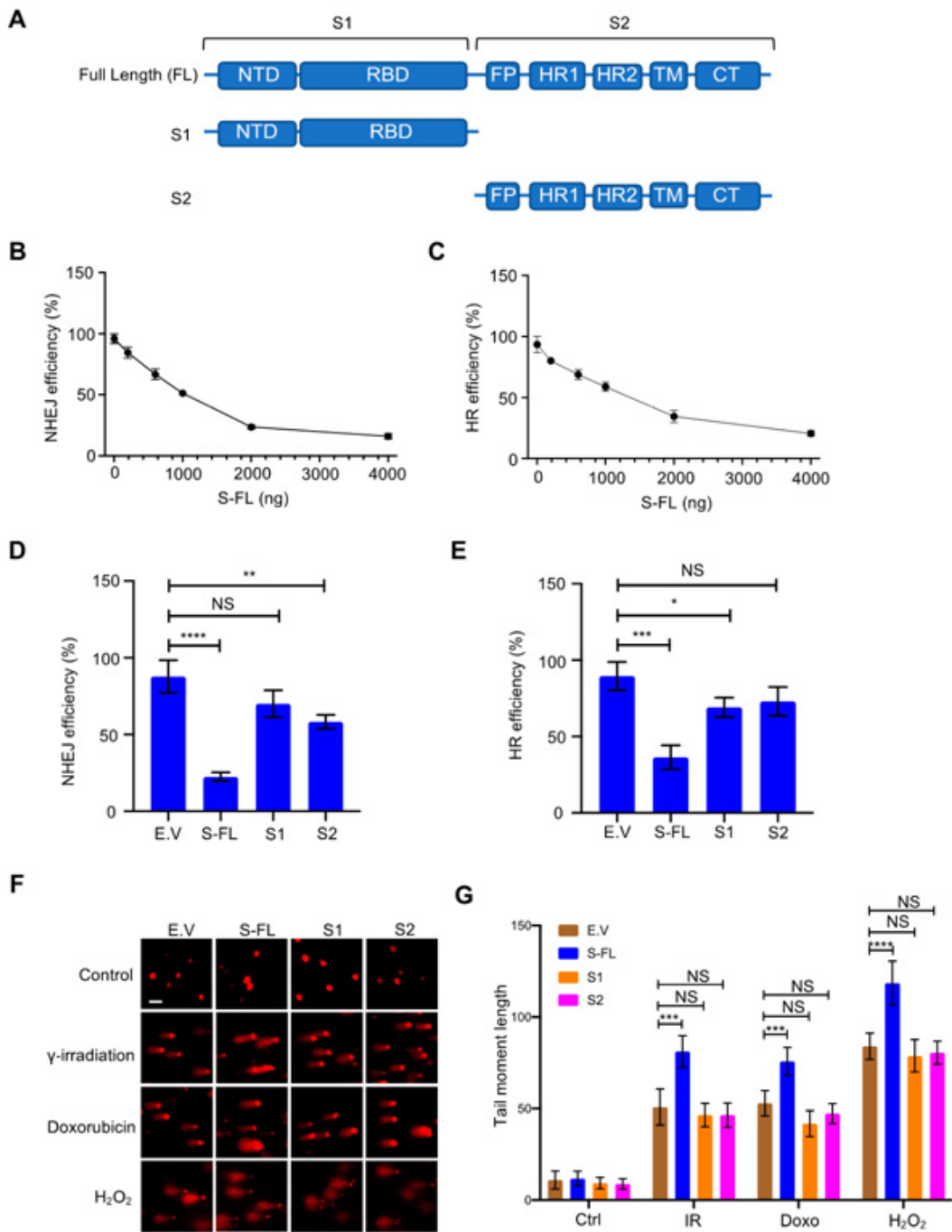
What these data show is that the greatest suppression of NHEJ activity is measured when the complete spike protein is present. From the study:

Together, these data show that SARS-CoV-2 full-length spike protein inhibits DNA damage repair by hindering the recruitment of the DNA repair protein.

This is the spike protein that is generated by the body's own cells after being injected with an mRNA vaccine:



In Figure 2, below, we see that **the suppression of NHEJ activity shows a dose-dependent response to the presence of the spike protein** (Figures 2B and 2C). This indicates that the more spike proteins there are, the greater the suppression of DNA repair:



The lower right figure, 2G, shows how the presence of the spike protein inhibits DNA repair following various DNA insults, such as radiation, chemical exposure or oxidation. Importantly, as the study authors explain:

Following several treatments for DNA damage, such as irradiation?, Doxorubicin treatment, and H₂O₂ treatment, there is less repair in the presence of the spike protein (Figure 2F, G). Together, these data demonstrate that the spike protein directly affects DNA repair in the nucleus.

5G exposure, chemtrail exposure, exposure to food chemicals, mammography, and even exposure to sunlight will wreak havoc in those who have taken mRNA vaccines

The horrifying result of this discovery is that people who have taken mRNA vaccines will experience **suppressed DNA repair**, increasing exposures that were once thought to be minor problems to significant threats to their health.

In other words, people exposed to 5G radiation, mammography exams, plasticizer chemicals in food products, and carcinogens in personal care products (laundry detergents, perfumes, shampoos, skin lotions, etc.) do not they will be able to repair the DNA damage caused by such exposures. Following relatively small exposures, they will begin to mutate and develop tumors throughout the body.

Don't forget that **exposure to 5G causes the production of peroxynitrite in the blood**, an extremely dangerous free radical that causes DNA damage in brain cells and tissue cells throughout the body.

This could also be described as a kind of **binary weapon system in** which mRNA vaccines weaken DNA repair and exposure to 5G (or chemical exposure in the food supply) provides the weapon that breaks DNA strands and leads to the body not being able to maintain genetic integrity during cell replication. This doesn't take long to express in horrifying physical ways, such as attempting to grow internal organ tissues on the surface of the skin or face, which is why I titled today's situation update podcast, "Monsters, Zombies and Mutants."

The presence of the spike protein interferes with normal immune function and leads to immunodeficiency (a condition similar to AIDS)

This research also finds that spike proteins from mRNA vaccines can lead to immunodeficiency conditions, similar to AIDS. This is consistent with previously reported immune function decreases by about 5% per week in those who took covid vaccines. From the study:

... [L] oss of function of key DNA repair proteins such as ATM, DNA-PKcs, 53BP1, et al., Leads to defects in NHEJ repair which inhibit the production of functional B and T cells, leading to immunodeficiency .

Immune function is also critically affected by the presence of the spike protein, which potentially leads to cancerous mutations in all cells of the body. As the study explains:

DNA damage repair, especially NHEJ repair, is essential for V (D) J recombination, which is at the heart of B and T cell immunity.

As Science Direct also explains :

Maintaining genomic integrity is essential for the survival of an organism. Of the various DNA damages, double strand breaks (DSBs) are considered the most deleterious as they can lead to cell death if not repaired or chromosomal rearrangements if poorly repaired, leading to cancer.

*Furthermore, mutations in NHEJ genes, including Ku70 and Ku80, have been associated with a **shortened lifespan in mice** [54]. Furthermore, defects in DNA-PKcs (DNA-dependent protein kinase) resulted in **impaired telomere maintenance** and reduced lifespan in mice [55]. Taken together, these lines of evidence suggest that NHEJ plays an important role in preventing the age-related increase in genomic instability and functional decline.*

Indeed, this means that **suppression of the spike protein of the NHEJ DNA repair mechanism also leads to a reduction in lifespan and accelerated aging .**

According to some estimates, 50% of people injected with mRNA vaccines will die within five years. We now have a deeper understanding of the mechanisms by which these vaccine-induced deaths can occur.



the verbal explanation of all this in the podcast [Briteon.com/cb351cd3-6c94-4f2b-a05d-bbda757d4472](https://www.brighteon.com/cb351cd3-6c94-4f2b-a05d-bbda757d4472)